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ABSTRACT

Many of the most exciting advances in science are taking place in biology, yet many students leave school without having learned biology's basic principles, and few are stimulated enough to continue in the sciences. This book presents information and expert views from teachers, curriculum developers, and others on why and where biology education is lacking and how it can be improved. It includes findings from current research and outlines specific suggestions for improving biology education, all aimed at addressing many of the dilemmas confronting the field such as what should be taught, how it should be taught, the measurement of results, teacher education and certification, and biology education reform. (CW)

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